

[54] **USE OF PEROXIDE IN WATERFLOOD OIL RECOVERY**

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Related U.S. Application Data

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[58] Field of Search 252/8.55 D; 166/273, 166/274, 309, 275

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Primary Examiner—Herbert B. Guynn*Attorney, Agent, or Firm*—Scott H. Brown; Fred E. Hook[57] **ABSTRACT**

For enhanced recovery of petroleum, particularly for recovery of residual oil during conventional water-flooding, an aqueous solution of peroxide is injected into an oil-bearing formation. The concentration of peroxide in the aqueous solution ranges from about 0.1 to about 3.0 weight percent, and injection of peroxide need not be followed or accompanied by injection of alkaline solution. The aqueous peroxide solution may then be displaced toward the producing well or wells to sweep out residual oil.

9 Claims, No Drawings